|          |              | Ir       | 10       | de.     | x (     | of           |             | <br>Cla  | in | ns       | ;        |    |          |      |               |             |              | Ą         | pli       | ca       | tio       | n/       | Con             | trol     | N                             | lo.   |            |                    | A<br>R    | ees<br>ppl | ica<br>(an | nin             | (s)      | /Pa    | tei | nt u     | ınder |
|----------|--------------|----------|----------|---------|---------|--------------|-------------|----------|----|----------|----------|----|----------|------|---------------|-------------|--------------|-----------|-----------|----------|-----------|----------|-----------------|----------|-------------------------------|-------|------------|--------------------|-----------|------------|------------|-----------------|----------|--------|-----|----------|-------|
|          |              |          |          |         |         |              |             |          |    |          |          |    |          |      |               |             |              |           | )/62      |          |           | 16       |                 |          |                               |       |            |                    | LI        | EE         | E,         | T A             | ۱L.      |        |     |          |       |
|          |              |          | Ш        |         |         |              | Ш           |          |    | Ш        | Ш        | Ш  |          |      |               |             | ı            |           | can       |          |           |          |                 |          |                               |       |            |                    |           | rt l       |            |                 |          |        | T   | _        |       |
|          |              | Ш        | Щ        |         |         |              |             |          |    | Ш        |          |    |          |      |               |             | 1            | _         | A \ /     |          | . //      |          |                 |          |                               |       |            | - 1                | -         | 044        |            |                 |          |        | ı   |          |       |
|          |              |          |          |         |         |              | _           |          | _  |          |          | _  |          |      | -             |             | Т            | יט        | <u>AV</u> | טו       | V         | <u></u>  |                 | _        | _                             |       |            | 1                  | 2         | <u>818</u> | <u>-</u>   |                 |          |        | _L  |          |       |
|          |              |          | Г        | _       |         |              | $\neg$      |          |    | Г        | _        |    |          |      |               |             |              |           | $\neg$    | ſ        | $\neg$    |          |                 |          | -                             | _     |            | П                  |           |            |            |                 |          | $\neg$ |     |          |       |
|          |              | 1        | F        | Rej     | ect     | tec          | <b>1</b>    |          |    | _        |          | (1 | hro      | ug   | h ni<br>cei   | umi         | era          | il)       |           |          | N         | N        | lon-            | Ele      | ct                            | ed    |            |                    |           | A          | pp         | 98              | 1        | ı      |     |          |       |
|          |              | ┝        | -        |         |         | _            | 4           |          |    | L        | <u> </u> |    |          | -a11 | COI           | 100         | _            |           | $\dashv$  | ŀ        |           |          |                 |          |                               |       |            | 尸                  |           | _          |            |                 |          |        |     |          |       |
|          |              | =        | 1        | Alle    | ow      | red          | ı           |          |    | +        |          |    | F        | Res  | tric          | ted         |              |           |           | ١        | ı         | Ir       | nter            | fere     | n                             | се    |            | lol                |           | OI         | oje        | cte             | d        |        |     |          |       |
|          |              |          | L        |         |         |              | J           |          |    | L        | L_       |    |          |      |               |             |              |           |           | Į        |           |          |                 |          |                               |       |            | Ш                  |           |            |            |                 |          |        |     |          |       |
| C        | aim          | Т        | Date     |         |         |              | ate         | <br>9    |    |          |          | 1# | Claim    |      | n T           |             |              | D         | ate       |          |           |          | ı۲              | CI       | aim                           | Τ     | Date       |                    |           |            |            |                 | 1        |        |     |          |       |
|          | T            | <u> </u> | Г        | T       | T       | Ť            | Ï           |          |    | Г        |          |    | Г        |      |               | T           | Т            | Т         | Ť         | Ī        |           |          | П               |          | ╟                             |       |            | П                  | Т         | T          | Ť          | Ĩ               | П        | П      |     | Г        |       |
| Finat    | Original     | 2/16/05  | l        | 1       |         |              | -           |          |    |          |          |    | F        | !    | Original      | ŀ           |              | 1         |           |          |           |          |                 |          |                               | Final | Original   |                    |           | ı          |            |                 |          |        |     |          |       |
| Į Œ      | 8            | 2        |          | ł       |         | 1            | ١           |          |    |          |          |    | •        |      | ਰੈ            |             |              | -         |           |          |           |          |                 |          |                               | ㄸ     | δ          |                    |           |            |            |                 |          | H      |     |          |       |
| -        | <del>l</del> | 7        | ┝        | +       | 十       | +            | ┪           | ┪        |    | ┢        | H        | ı  | H        | +    | 51            | +           | ╅            | ┪         | ┰┼        | +        | $\dashv$  |          | $\vdash$        | $\dashv$ | ╟                             | _     | 101        | ╁╼╁                | ┪         | $\dashv$   | ┪          | Н               | Н        | Н      | _   | $\vdash$ |       |
|          | 2            | V        |          | l       | İ       | 1            | ╛           |          |    |          |          |    |          | Ľ    | 52            |             |              | I         | $\Box$    | ╛        |           |          |                 |          | ľ                             |       | 102        |                    | ⇉         | $\Box$     | ╛          |                 |          |        |     |          |       |
|          | 3            | 7        | L        | 1       | 4       | 4            | 4           | _        |    | _        | <u> </u> |    | _        |      | 53            | +           | 4            | 4         | 4         | _        | _         |          | Н               | _        | Ļ                             |       | 103        | Н                  | 4         |            | _          |                 | Щ        | Ш      |     | L        |       |
| -        | (5)          | 1        | ┝        | +       | ╫       | +            | $\dashv$    | $\dashv$ |    | ⊢        | ⊢        |    | ⊢        |      | 54<br>55      | $\dashv$    | ╁            | ┥         | +         | +        | $\dashv$  | _        | H               | - :      | ╠                             | _     | 104<br>105 | $\vdash$           | ┥         | $\dashv$   | -          | $\dashv$        | Н        | Н      |     | H        |       |
| -        | 6            | V        | r        | ╈       | 十       | 十            | 7           | ┪        |    | 一        | Н        | ı  | Н        | 7    | 56            | 7           | 7            | 寸         | 寸         | 7        | ᅥ         | ٦        | H               | -        | ŀ                             |       | 106        | H                  | ┪         | 7          | 7          | $\vdash$        | П        | H      |     |          |       |
|          | 7            | 1        | Г        | Ţ       | I       | 1            | $\sqsupset$ |          |    |          |          |    |          | 1    | 57            |             | $\Box$       | $\Box$    | 1         | $\Box$   |           |          | П               | ]        |                               |       | 107        |                    | $\Box$    |            |            |                 |          |        |     |          |       |
| <u> </u> |              | 0        | L        | ╀       | +       | +            | 4           | $\dashv$ |    | L        | _        |    | ⊩        |      | 58<br>59      | +           | +            | -         | +         | -        | $\dashv$  | _        | ┝               | -        | -                             |       | 108        | H                  | -1        | -          | `-         | $\dashv$        |          | Н      |     | L        |       |
| $\vdash$ | 6            | 1        | H        | +       | ┿       | ╁            | ┪           | ┪        |    | ┝        | ┢        | ł  | H        |      | 50            | $\dashv$    | +            | ┪         | 十         | +        |           | _        | H               | $\dashv$ | ╟                             | _     | 110        | ╁┼                 | ┪         | -          | ┪          | $\vdash$        |          | Н      | -   | Н        |       |
|          | 11           | 1        |          | I       | T       | $\top$       |             |          |    |          |          |    |          | T    | 31            |             | I            | 1         |           | ╛        |           |          |                 |          | ľ                             |       | 111        | П                  | ╛         | ⊐          |            |                 |          |        |     |          |       |
| _        | 32           |          | L        | $\bot$  | 1       | +            | 4           | _        |    | <u> </u> | L        |    | _        |      | 52<br>53      | 4           | 4            | 4         | 4         | 4        |           | _        | Ш               | _        | ŀ                             |       | 112        | Н                  | 4         | _          | _          | Ш               | П        | Ш      |     | _        |       |
|          | 13           | 1        | H        | ╁       | ╁       | +            | ┥           | $\dashv$ |    | ⊢        | $\vdash$ |    | ┝        |      | 53<br>54      | +           | +            | ┪         | ╅         | ┪        | -         | -        | ┝╌┼             | -        | ᆘ                             |       | 113<br>114 | H                  | ┥         | $\dashv$   | $\dashv$   | Н               | Н        | Н      |     | $\vdash$ |       |
|          | 15           | 7        |          | İ       | T       | $^{\dagger}$ | ╛           |          |    |          |          |    |          |      | 35            |             | 1            | コ         | 士         | ⇉        |           |          |                 | ╛        | ľ                             |       | 115        | П                  |           |            |            |                 |          |        |     |          |       |
|          | 16           | 7        |          | $\perp$ | $\perp$ | $\bot$       | 4           |          |    | L        | L        | ]  | _        |      | 56            | _           | 4            | 4         | 4         | 4        |           |          | $\sqcup$        | _        | Ļ                             |       | 116        | $\square$          |           | _          |            |                 |          | Ш      |     | _        |       |
| -        | 17           | ┢        | ┝        | ╀       | ╁       | +            | +           | $\dashv$ |    | ┝        | ┝        | ł  | ┝        |      | 57<br>38      | +           | +            | ┥         | ╛         | ┥        | $\dashv$  | -        | $\vdash$        | -        | ╬                             |       | 117<br>118 | ┥                  | ┥         | $\dashv$   | $\dashv$   | Н               |          | Н      |     | $\vdash$ |       |
|          | 19           | $\vdash$ | H        | 十       | $^{+}$  | $\dagger$    | 7           | $\dashv$ |    | 十        | H        |    | $\vdash$ |      | <del>2</del>  | $\dashv$    | +            | ┪         | 7         | ┪        |           | _        | H               | 7        | ľ                             | -     | 119        | $\vdash$           | 1         | $\dashv$   | ┪          | H               | Н        | Н      |     | ┢        |       |
|          | 20           |          |          | I       | T       | Ţ            | $\Box$      |          |    |          |          |    |          |      | 70            | $\dashv$    | $\Box$       | $\supset$ | $\Box$    | $\Box$   |           |          | П               | $\Box$   |                               |       | 120        | П                  | $\Box$    |            |            | П               |          |        |     |          |       |
|          | 21<br>22     | ├        | L        | ╀       | ╀       | +            | +           |          |    | ┞        | ┞        |    | ⊢        |      | 71<br>72      | $\dashv$    | +            | $\dashv$  | +         | $\dashv$ | -         |          | $\vdash$        | -        | ╬                             |       | 121<br>122 | $\vdash$           | ┩         | -          | -1         | Н               | $\vdash$ | Н      |     | H        |       |
| $\vdash$ | 23           | H        | H        | $^{+}$  | +       | +            | ┪           |          |    | H        | H        |    | ┢        |      | 73            | ┪           | ┪            | $\dashv$  | ┪         | ┪        | $\dashv$  |          | H               | ┪        | ŀ                             | _     | 123        | ╁┼                 | ┪         | ┪          | ┪          | Н               | Н        | Н      |     | H        |       |
|          | 24           | 匚        |          | I       | I       | 1            | $\Box$      |          |    |          |          |    |          |      | 74            |             | $\Box$       | $\Box$    |           | $\beth$  |           |          | П               |          |                               |       | 124        | П                  | $\Box$    | $\Box$     | $\Box$     |                 |          |        |     |          |       |
| <u> </u> | 25<br>26     | -        | -        | +       | +       | +            | 4           | $\dashv$ |    | -        | -        |    | $\vdash$ |      | 75<br>76      | +           | +            | $\dashv$  | +         | 4        | $\dashv$  |          | $\vdash \vdash$ | -        | ╠                             |       | 125<br>126 | $oldsymbol{arphi}$ | 4         | 4          | $\dashv$   | Н               | Н        | Н      | H   | H        |       |
| $\vdash$ | 27           | Н        | $\vdash$ | +       | $^{+}$  | +            | $\dashv$    | $\dashv$ | -  | H        | Н        | ı  | $\vdash$ |      | 77            | $\dashv$    | +            | ┪         | $\dashv$  | 1        |           | Н        | $\vdash \vdash$ | $\dashv$ | 바                             |       | 127        | $\vdash$           | +         | $\dashv$   | ᅱ          | $\vdash \vdash$ | $\vdash$ | H      | H   | Н        |       |
|          | 28           |          | L        | I       | I       | $\downarrow$ | コ           |          |    |          |          |    |          |      | 78            | コ           | $\Box$       | コ         |           |          |           |          | □İ:             |          | ֡֡֞֞֞֞֞֞֜֞֞֜֞֜֞֡֡֞֜֞֞֜֞֞֡֓֓֡֡ |       | 128        | П                  |           | $\Box$     |            |                 |          |        |     |          |       |
|          | 29           | ┝        | $\vdash$ | ╀       | +       | +            | 4           |          |    | -        | L        | ł  | $\vdash$ |      | 79<br>30      | +           | +            | +         | +         | -        | Н         | Щ        | ⊢⊹              | -[       | ╠                             |       | 129<br>130 | H                  | 4         | 4          | 4          | Н               | H        | Н      | ⊢   | H        |       |
| <b> </b> | 30           | ┢        | H        | ╁       | ╁       | ┿            | ┪           | $\dashv$ |    | $\vdash$ | ┢        |    | H        |      | 31            | $\dashv$    | +            | ┪         | $\dashv$  | ┥        | $\dashv$  | =        | $\vdash \vdash$ | $\dashv$ | ╟                             |       | 131        | ╁┼                 | $\dashv$  | $\dashv$   | $\dashv$   | H               | $\vdash$ | Н      | -   | $\vdash$ |       |
|          | 32           |          |          | 工       |         | 1            | コ           |          |    |          |          |    |          |      | 32            | $\sqsupset$ | ightharpoons | ゴ         | コ         |          |           |          | 口               | $\beth$  | ľ                             |       | 132        | П                  | ╛         | コ          |            |                 |          |        |     |          |       |
| _        | 33           | $\vdash$ | H        | +       | +       | +            | 4           | _        |    | H        | L        |    | $\vdash$ |      | 33<br>34      | $\dashv$    | 4            | 4         | 4         | -        | Ц         | Щ        | $\sqcup$        | 4        | ŀ                             | _     | 133        | ⊢↓                 | -4        | 4          | 4          | Ц               | Щ        | Щ      | Ш   | L        |       |
| -        | 35           | ┢        | ┝        | +       | +       | +            | $\dashv$    | $\dashv$ |    | ╁        | H        | ı  | $\vdash$ |      | 35            | $\dashv$    | +            | ┥         | $\dashv$  | ┨        | $\dashv$  | $\dashv$ | $\vdash \vdash$ | -        | ╟                             | -     | 134<br>135 | ╁┼                 | ┥         | $\dashv$   | $\dashv$   | H               | Н        | Н      | -   | H        |       |
|          | 36           |          | L        | 士       | I       |              | <u> </u>    |          |    |          |          |    |          | 1    | 36            | 士           | ゴ            | コ         |           |          |           |          |                 |          | ľ                             |       | 136        | 口                  |           | ╛          | ╛          |                 |          |        |     |          |       |
|          | 37           | Г        | Г        | Ţ       | Ŧ       | Ţ            | 4           |          |    | 匚        |          |    | 匚        |      | 37            | 7           | 4            | 4         | $\dashv$  | _[       |           |          | $\prod$         | _        | #[                            |       | 137        | П                  | $\exists$ | $\Box$     | 二          | Ц               | Щ        | П      |     |          |       |
| $\vdash$ | 38<br>39     | $\vdash$ | $\vdash$ | +       | +       | +            | ┥           | $\dashv$ |    | ⊢        | $\vdash$ |    | $\vdash$ |      | 38  <br>39    | +           | +            | $\dashv$  | +         | $\dashv$ | $\dashv$  | -        | ⊢┼              | -        | ╠                             | -     | 138<br>139 | ╁╌╂                | -         |            | -          | Н               | -        | Н      | H   | ⊢        |       |
|          | 40           |          |          |         |         | 士            | 1           |          |    |          |          |    |          |      | <del>30</del> | 士           | 士            | ⇉         | 士         | ╛        |           |          |                 |          | ij                            |       | 140        | ㅂ                  | ╛         |            |            |                 |          |        |     |          |       |
|          | 41           | Г        | Г        | Ţ       | Ţ       | Ţ            | 7           |          |    | 匚        |          |    |          |      | 91            | $\Box$      | Ţ            | Į         | $\dashv$  | $\Box$   | Ц         |          | П               | 4        | #[                            |       | 141        | П                  | $\Box$    | $\Box$     | $\Box$     |                 |          | П      |     |          |       |
| -        | 42           | -        | $\vdash$ | +       | +       | +            | +           | $\dashv$ |    | -        | -        |    | $\vdash$ |      | 92<br>33      | +           | +            | $\dashv$  | +         | 4        | $\dashv$  | _        | ┝┼              | -        | ⊪                             |       | 142<br>143 | H                  | $\dashv$  | $\dashv$   | $\dashv$   | Н               | $\vdash$ | Н      | -   | $\vdash$ |       |
| <u> </u> | 44           | T        | H        | $^{+}$  | +       | +            | _†          |          |    |          |          |    |          |      | 24            |             | _†           | _†        | ╛         | ┪        | $\exists$ |          | H               | -[       | il.                           |       | 144        |                    | _         | $\exists$  |            | Н               |          |        | Н   |          |       |
|          | 45           |          | Γ        | T       | Ι       | I            | J           |          |    |          |          | 1  |          |      | 95            |             | ╛            |           |           |          |           |          |                 | ]        |                               |       | 145        | $\Box$             |           |            |            |                 |          |        |     |          | ]     |

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